

*UDOT is moving to an all 3-D work flow environment*



# UDOT IN 3-D

*What will the shift to 3D mean to you?*

*UDOT is moving to an all 3-D work flow environment*



**Fully embracing 3D capabilities will produce comprehensive planning, construction and design solutions that will benefit UDOT and all contract partners.**

- **Design verification is more effective**
- **Visualization is more lifelike**
- **Clash detection is more easily discoverable**
- **Contractor interface is seamless**

***What will the shift to 3D mean to you?***

*UDOT is moving to an all 3-D work flow environment*



### **What is a full 3-D workflow?**

- **Models that can be viewed from all angles in order to assess constructability**
- **Utility clash detection models that show a full representation of underground utilities**
- **Animations that can show the built project, along with expected traffic flow**
- **Photo-realistic images that can show the built project or project options**

***What will the shift to 3D mean to you?***

*UDOT is moving to an all 3-D work flow environment*



**UDOT will eventually advertise projects with the model as the legal document**

- The paper copy – for information only
- QC/QA will be developed for models

*What will the shift to 3D mean to you?*

*UDOT is moving to an all 3-D work flow environment*



## **UDOT's path to an all 3-D work flow includes phased implementation:**

- **Short term, 2014**
- **Mid-range plan, 2015**
- **Long-range, 2016**

**UDOT is working closely with contractors to address challenges**

***What will the shift to 3D mean to you?***

*UDOT is moving to an all 3-D work flow environment*



## **Challenges:**

- **Training opportunities increased**
- **Construction Manager-General Contractor**
- **Tools for construction**

*What will the shift to 3D mean to you?*

*UDOT is moving to an all 3-D work flow environment*



**Questions?**

*What will the shift to 3D mean to you?*